

## ABSTRACT

### Actuation Unit for an Electromechanically Actuated Disc Brake

An actuating unit is provided for an electromechanically actuated disc brake for automotive vehicles, substantially comprising a driving unit (1) or an electric motor (10), an actuating element (7) by means of which one (4) of two friction linings (4,5) displaceably arranged within a brake caliper is brought into engagement with a brake disc (6), and a reduction gear (2).

In order to determine a reaction force occurring during actuation it is suggested by the invention that a sensor device (24) for sensing the reaction force resulting from the actuating force applied by the actuating unit (10,2) be provided between the guide piece (12) and the brake caliper or a gearbox housing (2) connected to the brake caliper, respectively.

(Fig. 2)